



Rocky Mountain
Remediation Services, L.L.C.
... protecting the environment



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INTEROFFICE MEMORANDUM

DATE: April 8, 1996

TO: Distribution *[Signature]*

FROM: E. C. Mast, RMRS, Sitewide Actions, Bldg. T893B, X8589

SUBJECT: MEETING MINUTES FROM OPERABLE UNIT 4 SOLAR PONDS AND THE
WASTE MANAGEMENT FACILITY (WMF) COORDINATION (KH00003NS1A)
- ECM-003-96

Action: None required.

A meeting was held Wednesday, April 3, 1996 at building 080 conference room concerning coordination efforts of the Waste Management Facility with the Solar Ponds and future expectations. The attendees were the following:

Jennifer Uhland - KH
Karen Wiemelt - KH
Ed Mast - RMRS
Andy Ledford - RMRS

Mike Peters - KH
John Law - RMRS
Bob Campbell - RMRS
Tom Lindsay - RMRS

The following areas were reviewed and discussed in detail:

1. Knowing the low risks for Operable Unit 4 remedial waste, what expectations does Colorado Department of Public Health and Environment require for closure?

- K. Wiemelt distributed Appendix 10 of the Rocky Flats Cleanup Agreement (RFCA) and emphasized sections I.A.2, I.C.2 and 3, and I.E/F which stated a cap/cover must be designed to control any remaining source only to the extent that further contaminant contribution to an existing plume is not increased in size or concentration. Also, that compliance would be based on declining contamination levels for units/areas at the Point of Compliance (POC).
- Discussion centered on if there was a need for the liners and subsurface liners to be removed at all. From a RCRA standpoint the liners and subsurface liners could remain in place, however, from an engineering standpoint, leaving the liners in place may cause problems. An engineering evaluation may be the deciding factor, based on assumption that providing a good stabilized base/foundation for the WMF is of primary concern.
- The first WMF cell (100,000 cu. yds.) is sited east of the Solar Ponds, however, when and if additional cells are required they would be constructed east of the first cell through the area occupied by the Solar Ponds. The footprint of these cells with a final cover/cap may not cover the entire areal extent of the ponds and if the liners were to be kept in place and considered the removal of the liners in pond 207C and the area north of the WMF because of the nitrate concentration or extension of a vegetative cap which could satisfy the performance objectives of the RFCA closure requirements.
- Discussion centered on the volumetric amounts of waste which could potentially be removed. The approximately 20,000 to 24,000 cubic yards for the liners and subbase course were figures discussed. The total waste volume 50,300 cubic yard include the following:

ADMIN RECCRD

1A-A-000702

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- Asphaltic Material - 11,800 c.y.
- Liners Basecourse - 11,800 c.y.
- Untreated Sludge - 6,000 c.y.
- Vadose Soils - 20,000 c.y.
- Debris - 700 c.y.

2. Action Items

- Information on the extent of contamination in Pond 207C and the areas outlying the WMF footprints is included in scope for Operable Unit 4.
- Refining the volumetric calculations of material destined for the WMF from the Solar Ponds is included in scope of ASAP Mass Balancing task.

Distribution

R. P.	Campbell	-	RMRS
J. K.	Hopkins	-	RMRS
J. E.	Law	-	RMRS
J. A.	Ledford	-	RMRS
T. M.	Lindsay	-	RMRS
J.	Schmuck	-	RMRS

bll

cc:

~~RMRS Records~~

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